

APPENDIX A TO THE PRICING ATTACHMENT¹

(MICHIGAN)
V1.9

I. Rates and Charges for Transport and Termination of Traffic²

A. Reciprocal Compensation Traffic Termination

Reciprocal Compensation Traffic End Office Rate: \$0.0049291* per minute of use.

Reciprocal Compensation Traffic Tandem Rate: \$0.0083114* per minute of use.

B. The Tandem Transit Traffic Service Charge is \$0.0031360* per minute of use.

C. Entrance Facility and Transport for Interconnection Charges: **See Intrastate Special Access Tariff**

D. Exchange Access Service: Per Verizon Interstate and/or Verizon Intrastate access tariff

¹ This Appendix may contain rates for (and/or reference) services, facilities, arrangements and the like that Verizon does not have an obligation to provide under the Agreement (e.g., services, facilities, arrangements and the like that Verizon is not required to provide under Section 251 of the Act). Notwithstanding any such rates (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Verizon to provide a service, facility, arrangement or the like that the Agreement does not require Verizon to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement.

All rates and charges set forth in this Appendix shall apply until such time as they are replaced by new rates and/or charges as the Commission or the FCC may approve or allow to go into effect from time to time, subject however, to any stay or other order issued by any court of competent jurisdiction. In addition to any rates and charges set forth herein, Verizon, effective as of March 11, 2005, may, but shall not be required to, charge (and ***CLEC Acronym TXT*** shall pay) any rates and charges that apply to a CLEC's embedded base of certain UNEs pursuant to the FCC's Order on Remand, *Unbundled Access to Network Elements; Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers*, WC Docket No. 04-313, CC Docket No. 01-338 (FCC rel. Feb. 4, 2005) (the "TRRO"), the foregoing being without limitation of other rates and charges that may apply under subsequent FCC orders or otherwise. In addition, as set forth in Industry Notices, access tariff rates and/or other applicable non-UNE rates may apply for certain facilities and arrangements that are no longer available as unbundled network elements or combinations thereof.

² All rates and charges specified herein are pertaining to the Interconnection Attachment.

* Michigan Commission Rates, Case No. U-11832.

II. Services Available for Resale

The avoided cost discount for all Resale services when Verizon provides Operator Services/Directory Assistance (OS/DA) is 15.80%. The avoided cost discount for all Resale services when Verizon does not provide OS/DA is 16.76%.

Non-Recurring Charges for Resale Services

Pre-ordering

CLEC Account Establishment Per CLEC	\$273.09
Customer Record Search Per Account	\$ 11.69

Ordering and Provisioning

Engineered Initial Service Order (ISO) - New Service	\$311.98
Engineered Initial Service Order - As Specified	\$ 123.84
Engineered Subsequent Service Order	\$ 59.61
Non-Engineered Initial Service Order - New Service	\$ 42.50
Non-Engineered Initial Service Order - Changeover	\$ 21.62
Non-Engineered Initial Service Order - As Specified	\$ 82.13
Non-Engineered Subsequent Service Order	\$ 19.55
Central Office Connect	\$ 12.21
Outside Facility Connect	\$ 68.30
Manual Ordering Charge	\$ 12.17

Product Specific:

NRCs, other than those for Pre-ordering, Ordering and Provisioning, and Custom Handling as listed in this Appendix, will be charged from the appropriate retail tariff. No discount applies to such NRCs.

Custom Handling:

Service Order Expedite:

Engineered	\$ 35.48
Non-Engineered	\$ 12.59

Coordinated Conversions:

ISO	\$ 17.76
Central Office Connection	\$ 10.71
Outside Facility Connection	\$ 9.59

Hot Coordinated Conversion First Hour:

ISO	\$ 30.55
Central Office Connection	\$ 42.83
Outside Facility Connection	\$ 38.34

Hot Coordinated Conversion per Additional Quarter Hour:

ISO	\$ 4.88
Central Office Connection	\$ 9.43
Outside Facility Connection	\$ 8.37

Application of NRCs

Pre-ordering:

CLEC Account Establishment is a one-time charge applied the first time that ***CLEC Acronym TXT*** orders any service from this Agreement.

Customer Record Search applies when ***CLEC Acronym TXT*** requests a summary of the services currently subscribed to by the end-user.

Ordering and Provisioning:

Engineered Initial Service Order - New Service applies per Local Service Request (LSR) when engineering work activity is required to complete the order, e.g. digital loops.

Non-Engineered Initial Service Order - New Service applies per LSR when no engineering work activity is required to complete the order, e.g. analog loops.

Initial Service Order - As Specified (Engineered or Non-Engineered) applies only to Complex Services for services migrating from Verizon to ***CLEC Acronym TXT***. Complex Services are services that require a data gathering form or have special instructions.

Non-Engineered Initial Service Order - Changeover applies only to Basic Services for services migrating from Verizon to ***CLEC Acronym TXT***. End-user service may remain the same or change.

Central Office Connect applies in addition to the ISO when physical installation is required at the central office.

Outside Facility Connect applies in addition to the ISO when incremental fieldwork is required.

Manual Ordering Charge applies to orders that require Verizon to manually enter ***CLEC Acronym TXT***'s order into Verizon's Secure Integrated Gateway System (SIGS), e.g. faxed orders and orders sent via physical or electronic mail.

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite (Engineered or Non-Engineered) applies if ***CLEC Acronym TXT*** requests service prior to the standard due date intervals.

Coordinated Conversion applies if ***CLEC Acronym TXT*** requests notification and coordination of service cut over prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if ***CLEC Acronym TXT*** requests real-time coordination of a service cut-over that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

III. Prices for Unbundled Network Elements³

Monthly Recurring Charges

Local Loop

2 Wire Analog Loop (inclusive of NID)	\$	26.16*
4 Wire Analog Loop (inclusive of NID)	\$	42.09♣
2 Wire Digital Loop (inclusive of NID)	\$	26.16♣
4 Wire Digital Loop (inclusive of NID)	\$	42.09♣
DS-1 Loop	\$	135.44
DS-3 Loop	\$	1081.93

Supplemental Features:

ISDN-BRI Line Loop Extender	\$	4.32
DS1 Clear Channel Capability	\$	24.00

Sub-Loop

2-Wire Distribution	\$	15.33♣
4-Wire Distribution	\$	28.23♣
2-Wire Drop	\$	2.58♣
4-Wire Drop	\$	4.44♣
Inside Wire	BFR	

Network Interface Device (leased separately)

Basic NID	\$.77♣
Complex (12 x) NID	\$	1.80

Dedicated Transport Facilities

Interoffice Dedicated Transport:

IDT DS0 Transport Facility per ALM	\$	0.20♣
IDT DS0 Transport Termination	\$	22.99♣
IDT DS1 Transport Facility per ALM	\$	8.41♣
IDT DS1 Transport Termination	\$	91.84♣
IDT DS3 Transport Facility per ALM	\$	64.25♣
IDT DS3 Transport Termination	\$	387.77♣

Multiplexing (Dedicated Transport):

DS1 to Voice Multiplexing	\$	341.49♣
DS3 to DS1 Multiplexing	\$	821.69♣
DS1 Clear Channel Capability	\$	24.00

³ For the avoidance of any doubt, in addition to any rates and charges set forth herein, Verizon, effective as of March 11, 2005, may, but shall not be required to, charge (and ***CLEC Acronym TXT*** shall pay) any rates and charges that apply to a CLEC's embedded base of certain UNEs pursuant to the TRRO, the foregoing being without limitation of other rates and charges that may apply under subsequent FCC orders or otherwise; in addition, as set forth in Industry Notices, access tariff rates and/or other applicable non-UNE rates may apply for certain facilities and arrangements that are no longer available as unbundled network elements or combinations thereof.

* Michigan Commission Rates, Case No. U-11832

Unbundled Dark Fiber

Unbundled Dark Fiber Loops

Dark Fiber Loop	\$	67.13
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Unbundled Dark Fiber Dedicated Transport

Dark Fiber IDT –Facility	\$	24.80
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Dark Fiber IDT –Termination	\$	6.34
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Intermediate Office Cross Connect	TBD
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EEL Pricing

MRCs. The MRCs for an EEL will generally be equal to the applicable MRCs for UNEs and Multiplexing that comprise an EEL arrangement (e.g. UNE Loop, IDT, Multiplexing, & Clear Channel Capability).

Line Splitting (also referred to as "Loop Sharing")^{4 5}

A. Unbundled Local Loops

As Applicable per this Appendix A for UNE Local 2-Wire Digital (DSL qualified) Loops Monthly Recurring Charges and Non-Recurring Charges as amended from time to time. Includes, without limitation, Recurring 2-Wire Digital (DSL qualified) Loop Charges, Service Order Charge (per order), Service Connection Charge* (per loop), Service Connection-Other Charge* (per loop), and Provisioning charges. Also includes, without limitation, if applicable, Field Dispatch, TC Not Ready, Loop Qualification, Engineering Query, Engineering Work Order, Trouble Dispatch, Misdirects, Dispatch In, Out, and Dispatch Expedites, Installation Dispatch, Manual Intervention, Expedited, Digital Designed Recurring and Non-Recurring Charges*

B. Other Charges

i. Regrade \$8.09 NRC

ii. *Service Connection

*Service Connection/Other

A second Service Connection NRC and Service Connection/Other NRC applies on New Loop Sharing Arrangements involving the connection of both voice and data connections.

iii. Disconnect A disconnect NRC applies, as applicable, on total Loop Sharing disconnects.

iv. Line and Station Transfers /Pair Swaps

A LST/Pair Swap NRC applies, as applicable, on LST activity performed on New Loop Sharing Arrangements.

C. Collocation Rates

Collocation Rates (including, without limitation, Splitter Connection and Installation Rates)

As Applicable per this Appendix A.

⁴ Rates for the individual line splitting components are contained in existing terms for Unbundled Network Elements and Collocation.

⁵ This Pricing Attachment incorporates by reference the rates set forth in the Agreement for the services and charges referenced herein. In the event this Pricing Attachment refers to a service that is not available under the Agreement, the Agreement shall control. Nothing in this Appendix A shall be deemed to require Verizon to provide a service that the Agreement does not require Verizon to provide.

NON-RECURRING CHARGES

Loops and Sub-Loops

Service Ordering (Loop or Sub-Loop):

Initial Service Order, per order	\$	5.00♣
Transfer of Service Charge, per order	\$	5.00♣
Subsequent Service Order, per order	\$	5.00♣

Installation:

Unbundled Loop, per loop and sub-loop	\$	2.32♣
Loop Facility Charge, per trip ⁶	\$	12.75♣

Trouble Isolation Charge (TIC) Per Qtr. Hour and Subsequent Qtr. Hour thereafter	\$	7.00
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Customer Service Record Research:

Per Request	\$	5.00♣
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Loops Digital (2 and 4 Wire Compatible Digital Loops)

Service Ordering (Loop):

Initial Service Order, per order	\$	5.00♣
Transfer of Service Charge, per order	\$	5.00♣
Subsequent Service Order, per order	\$	5.00♣

Installation:

Unbundled Loop, per loop and sub-loop	\$	2.32♣
Loop Facility Charge, per trip	\$	12.75♣

Customer Service Record Research:

Per Request	\$	5.00♣
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⁶ The Loop Facility Charge will apply when fieldwork is required for establishment of a new unbundled loop service.

♣ Michigan Commission Rates, Case No. U-11832

CUSTOM HANDLING

Coordinated Conversions:

ISO	\$	17.76
Central Office Connection	\$	9.43
Outside Facility Connection	\$	8.09

Hot Coordinated Conversions First Hour:

ISO	\$	23.91
Central Office Connection	\$	37.72
Outside Facility Connection	\$	32.36

Hot Coordinated Conversions per Additional Quarter Hour:

ISO	\$	4.88
Central Office Connection	\$	9.43
Outside Facility Connection	\$	8.37

NON-RECURRING CHARGES – OTHER UNE's & Misc.

LOCAL WHOLESALE SERVICES	Ordering 100% Manual	Ordering Semi- Mech.	Provisioning Initial Unit	Add'l Unit
UNBUNDLED NID				
Exchange – Basic	\$ 27.06	\$ 18.83	\$ 33.99	N/A
UNBUNDLED DARK FIBER				
Advanced - Service Inquiry Charge	\$405.87	\$405.65	N/A	N/A
Advanced - Interoffice Dedicated Transport - Initial	\$ 64.80	\$ 64.57	\$267.28	\$224.68
Advanced - Unbundled Loop - Initial	\$ 64.80	\$ 64.57	\$261.86	\$220.43
Dark Fiber Record Review (with reservation)	TBD			
Intermediate Office Cross Connect	TBD			
Dark Fiber Optional Engineering Services	TBD			
ENHANCED EXTENDED LINK EXTENDED LOOPS (EELs) Loop portion (In addition, IDT and CDT charges apply if applicable to the EEL arrangement)				
Advanced - Basic (2-wire and 4-wire) - Initial	\$ 88.39	\$ 56.13	\$ 2.32	N/A
Advanced - Basic (2-wire and 4-wire) - Subsequent	\$ 38.02	\$ 21.89	\$ 2.32	N/A
DS1/DS3 - Initial	\$ 97.94	\$ 65.68	\$ 2.32	N/A
DS1/DS3 - Subsequent	\$ 38.02	\$ 21.89	\$ 2.32	N/A
DS3 to DS1 Multiplexer	N/A	N/A	\$450.00	N/A
DS1 to DS0 Multiplexer	N/A	N/A	\$800.00	N/A
Changeover Charge - (Conversion from Special Access to EELs or Transport)				
Advanced - Basic (2-wire and 4-wire) Changeover (As Is)	\$161.87	\$ 99.77	\$ 41.64	N/A
Advanced - Basic (2-wire and 4-wire) Changeover (As Is)- Additional MOG (Mass Order Generator) Only	\$ 7.52	\$ 4.56	\$ 41.64	N/A
Advanced - Complex (DS1 and above) Changeover (As Is)	\$179.37	\$117.27	\$ 41.64	N/A
Advanced - Complex (DS1 and above) Changeover (As Is)- Additional MOG (Mass Order Generator) Only	\$ 7.52	\$ 4.56	\$ 41.64	N/A
LOOP CONDITIONING⁷				
(No charge for load coil or excessive bridged tap removal on loops 12,000 feet or less)				
Loop Conditioning - Bridged Tap	N/A	N/A	\$318.71	\$ 34.88
Loop Conditioning - Bridged Tap Removal Only	N/A	N/A	\$318.71	N/A
Loop Conditioning - Load Coils (loops greater than 12,000 feet)	N/A	N/A	\$249.91	N/A
Loop Conditioning - Load Coil Removal Only	N/A	N/A	\$249.91	N/A
Loop Conditioning - Load Coils / Bridged Tap	N/A	N/A	\$568.62	\$ 34.88
Loop Conditioning – Bridged Tap and Load Coil Removal	N/A	N/A	\$568.62	N/A

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These charges are interim and subject to retroactive true-up back to the Effective Date of this Agreement.

LOOP QUALIFICATION⁸

Loop Qualification	\$0.00	\$0.00	N/A	N/A
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LINE AND STATION TRANSFER CHARGE⁹

	\$0.00	\$0.00	\$154.53	N/A
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INTEROFFICE DEDICATED TRANSPORT (IDT)(Also applies to IDT portion of an EEL arrangement)

Advanced - Basic (2-wire and 4-wire) - Initial	\$ 95.49	\$ 63.01	\$428.58	N/A
Advanced - Basic(2-wire and 4-wire) - Subsequent	\$ 45.12	\$ 28.77	\$ 58.20	N/A
Advanced - Complex (DS1 and above)- Initial	\$105.04	\$ 72.56	\$584.49	N/A
Advanced - Complex (DS1 and above)- Subsequent	\$ 45.12	\$ 28.77	\$ 86.80	N/A

⁸ Loop Qualification rate cannot be assessed until an approved cost study has been received.

⁹ A Line and Station Transfer (LST) Charge applies when Verizon arranges or rearranges an individual circuit at a terminal or cross-connect box to free up a pair or suitable facility at the required service location; examples include an arrangement of copper to DLC, the rearrangement of IDLC to copper and the rearrangement of IDLC to UDLC.

EXPEDITES

Exchange Products	\$ 3.36	\$ 3.36	N/A	N/A
Advanced Products	\$ 25.80	\$ 25.80	N/A	N/A

OTHER

CLEC Account Establishment (per CLEC)	\$166.32	\$166.32	N/A	N/A
Design Change Charge - EELs and Transport	\$ 27.00	\$ 27.00	N/A	N/A

ROUTINE NETWORK MODIFICATIONS¹⁰

ENGINEERING QUERY ¹¹	N/A	N/A	\$183.99	N/A
ENGINEERING WORK ORDER ¹²	N/A	N/A	\$ 94.40	N/A
EXPEDITE ENGINEERING QUERY ^{11, 13}	N/A	N/A	\$ 41.67	N/A
EXPEDITE ENGINEERING WORK ORDER ^{12, 13}	N/A	N/A	\$ 27.94	N/A
CLEAR DEFECTIVE PAIR	N/A	N/A	\$ 272.35	N/A
REASSIGNMENT OF NON-WORKING CABLE PAIR	N/A	N/A	\$ 272.35	N/A
BINDER GROUP REARRANGEMENT	N/A	N/A	\$ 529.77	N/A
REPEATER - INSTALLATION	N/A	N/A	\$1,597.10	N/A
APPARATUS CASE - INSTALLATION	N/A	N/A	\$2,992.81	N/A
RANGE EXTENDERS - DS-0 Installation	N/A	N/A	\$ 809.72	N/A
RANGE EXTENDERS - DS-1 Installation	N/A	N/A	\$ 809.72	N/A
CHANNEL UNIT TO UNIVERSAL/COTTED DLC SYSTEM (existing)	N/A	N/A	\$ 170.30	N/A
SERVING TERMINAL - INSTALLATION / UPGRADE	N/A	N/A	Time and Material	N/A
ACTIVATE DEAD COPPER PAIR	N/A	N/A	\$ 199.90	N/A
MULTIPLEXER - 1/0 - INSTALLATION	N/A	N/A	\$12,211.41	N/A
MULTIPLEXER - 1/0 - RECONFIGURATION	N/A	N/A	\$ 170.30	N/A
MULTIPLEXER - 3/1 - INSTALLATION	N/A	N/A	\$26,981.19	N/A
MULTIPLEXER - 3/1 - RECONFIGURATION	N/A	N/A	\$ 382.34	N/A
MULTIPLEXER - OTHER - INSTALLATION	N/A	N/A	Time and Material	N/A
MOVE DROP	N/A	N/A	\$ 109.28	N/A
CROSS-CONNECTION - EXISTING FIBER FACILITY	N/A	N/A	\$ 346.93	N/A
LINE CARD - INSTALLATION	N/A	N/A	\$ 314.63	N/A
COPPER REARRANGEMENT	N/A	N/A	\$ 482.90	N/A
CENTRAL OFFICE TERMINAL - INSTALLATION	N/A	N/A	\$35,307.87	N/A
IDLC ONLY CONDITION	N/A	N/A	\$36,847.28	N/A

¹⁰ This Appendix may contain rates and charges for (and/or reference) services, facilities, arrangements and the like that Verizon does not have an obligation to provide under the Agreement (e.g., services, facilities, arrangements and the like for which an unbundling requirement does not exist under 47 U.S.C. Section 251(c)(3)). Notwithstanding any such rates and/or charges (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Verizon to provide a service, facility, arrangement or the like that the Agreement does not require Verizon to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement.

¹¹ Engineering Query Charges apply in addition to charges for actual network modification and Engineering Work Order charges where applicable.

¹² Engineering Work Order Charges apply in addition to charges for actual network modification and Engineering Query charges where applicable.

¹³ Expedite Charges apply in addition to other listed rates.

ROUTINE NETWORK MODIFICATIONS

OTHER REQUIRED MODIFICATIONS	N/A	N/A	Time and Material	N/A
OTHER	N/A	N/A		N/A
Commingled Arrangements – per circuit NRC	N/A	N/A	\$ 50.00	N/A
Conversion - Service Order	N/A	N/A	\$ 19.33	N/A
Conversion - Installation per circuit	N/A	N/A	\$ 7.27	N/A
Circuit Retag - per circuit	N/A	N/A	\$ 59.43	N/A
DARK FIBER	N/A	N/A		N/A
Dark Fiber Routine Network Modifications	N/A	N/A	Time and Material	N/A

Application of NRCs

Preordering:

CLEC Account Establishment is a one-time charge applied the first time that ***CLEC Acronym TXT*** orders any service from this Agreement.

Customer Record Search applies when ***CLEC Acronym TXT*** requests a summary of the services currently subscribed to by the end-user.

Ordering and Provisioning:

Initial Service Order (ISO) applies to each Local Service Request (LSR) and Access Service Request (ASR) for new service. Charge is Manual (e.g. for a faxed order) or Semi-Mechanized (e.g. for an electronically transmitted order) based upon the method of submission used by the CLEC.

Subsequent Service Order applies to each LSR/ASR for modifications to an existing service. Charge is Manual or Semi-Mechanized based upon the method of submission used by the CLEC.

Advanced ISO applies per LSR/ASR when engineering work activity is required to complete the order.

Exchange ISO applies per LSR/ASR when no engineering work activity is required to complete the order.

Provisioning – Initial Unit applies per ISO for the first unit installed. The Additional Unit applies for each additional unit installed on the same ISO.

Basic Provisioning applies to services that can be provisioned using standard network components maintained in inventory without specialized instructions for switch translations, routing, and service arrangements.

Complex Provisioning applies to services that require special instruction for the provisioning of the service to meet the customer's needs.

Examples of services and their Ordering/Provisioning category that applies:

Exchange-Basic: 2-Wire Analog, 4-Wire Analog, Standard Sub-Loop Distribution, Drop and NID.

Exchange-Complex: Non-loaded Sub-Loop Distribution and Loop Conditioning.

Advanced-Basic: 2-Wire Digital Loop, 4-Wire Digital Loop

Advanced-Complex: DS1 Loop, DS3 Loop, Dark Fiber, and EELs.

Conditioning applies in addition to the ISO, for each Loop or Sub-Loop UNE for the installation and grooming of Conditioning requests.

DS1 Clear Channel Capability applies in addition to the ISO, per DS1 for the installation and grooming of DS1 Clear Channel Capability requests.

Changeover Charge applies to EEL orders when an existing retail, resale, or special access service is already in place.

Service Inquiry – Dark Fiber applies per service inquiry when a CLEC requests Verizon to determine the availability of dark fiber on a specific route.

EELs - The NRCs that generally apply to an EEL arrangement are applicable ordering & provisioning charges for EEL Loops, IDT, Multiplexing and Clear Channel Capability

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite applies if ***CLEC Acronym TXT*** requests service prior to the standard due date intervals and the expedite request can be met by Verizon.

Coordinated Conversion applies if ***CLEC Acronym TXT*** requests notification and coordination of service cut-over prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if ***CLEC Acronym TXT*** requests real-time coordination of a service cut-over that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

Design Change Charge applies to EELs & Transport orders for design changes requested by the CLEC.

Engineering Work Order applies, where available, if ***CLEC Acronym TXT*** requests conditioning activity (i.e., removal of Load Coils, Bridged Taps).

Engineering Query applies, where available, if ***CLEC Acronym TXT*** requests further detailed analysis of individual Loop characteristics.

Line and Station Transfer applies where Verizon swaps facilities in order to provision a Copper Facility.

IV. Rates and Charges for 911

See State Tariff.

V. Collocation Rates

See MI Local Network Access Services Tariff, MPSC #20R.

APPENDIX A TO THE PRICING ATTACHMENT¹

(NORTH CAROLINA)

V1.14

I. Rates and Charges for Transport and Termination of Traffic²

A. Reciprocal Compensation Traffic Termination

Reciprocal Compensation Traffic End Office Rate: \$0.0067488 per minute of use.

Reciprocal Compensation Traffic Tandem Rate: \$0.0101238 per minute of use.

B. The Tandem Transit Traffic Service Charge is \$0.0031245 per minute of use.

C. Entrance Facility and Transport for Interconnection Charges: See Intrastate Special Access Tariff

D. Exchange Access Service: Per Verizon interstate and/or Verizon intrastate access tariff

¹ This Appendix may contain rates for (and/or reference) services, facilities, arrangements and the like that Verizon does not have an obligation to provide under the Agreement (e.g., services, facilities, arrangements and the like that Verizon is not required to provide under Section 251 of the Act). Notwithstanding any such rates (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Verizon to provide a service, facility, arrangement or the like that the Agreement does not require Verizon to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement.

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² All rates and charges specified herein are pertaining to the Interconnection Attachment.

³ NC Commission Order dated 5/1/2002: Docket P100, Sub 133d.

II. Services Available for Resale

The avoided cost discount for all Resale services is 19.97%.

Non-Recurring Charges (NRCs) for Resale Services

Pre-ordering

CLEC Account Establishment Per CLEC	\$ 266.46
Customer Record Search Per Account	\$ 11.40

Ordering and Provisioning

Engineered Initial Service Order (ISO) - New Service	\$ 343.15
Engineered Initial Service Order - As Specified	\$ 130.22
Engineered Subsequent Service Order	\$ 69.99
Non-Engineered Initial Service Order - New Service	\$ 36.86
Non-Engineered Initial Service Order - Changeover	\$ 22.28
Non-Engineered Initial Service Order - As Specified	\$ 46.32
Non-Engineered Subsequent Service Order	\$ 20.00
Central Office Connect	\$ 5.78
Outside Facility Connect	\$ 79.82
Manual Ordering Charge	\$ 11.65

Product Specific:

NRCs, other than those for Pre-ordering, Ordering and Provisioning, and Custom Handling as listed in this Appendix, will be charged from the appropriate retail tariff. No discount applies to such NRCs.

Custom Handling:

Service Order Expedite:	
Engineered	\$ 70.34
Non-Engineered	\$ 12.93
Coordinated Conversions:	
ISO	\$ 19.11
Central Office Connection	\$ 9.43
Outside Facility Connection	\$ 8.38
Hot Coordinated Conversion First Hour:	
ISO	\$ 24.47
Central Office Connection	\$ 37.72
Outside Facility Connection	\$ 33.50
Hot Coordinated Conversion per Additional Quarter Hour:	
ISO	\$ 5.01
Central Office Connection	\$ 9.43
Outside Facility Connection	\$ 8.38

Application of NRCs

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Central Office Connect applies in addition to the ISO when physical installation is required at the central office.

Outside Facility Connect applies in addition to the ISO when incremental fieldwork is required.

Manual Ordering Charge applies to orders that require Verizon to manually enter ***CLEC Acronym TXT***'s order into Verizon's Secure Integrated Gateway System (SIGS), e.g. faxed orders and orders sent via physical or electronic mail.

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite (Engineered or Non-Engineered) applies if ***CLEC Acronym TXT*** requests service prior to the standard due date intervals.

Coordinated Conversion applies if ***CLEC Acronym TXT*** requests notification and coordination of service cut over prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if ***CLEC Acronym TXT*** requests real-time coordination of a service cut-over that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

III. Prices for Unbundled Network Elements³

Monthly Recurring Charges

Local Loop

2 Wire Analog Loop (inclusive of NID)

Zone 1	\$	19.68
Zone 2	\$	38.12
Zone 3	\$	49.31

Channelized Loop Facility-Additional Cost of Unbundling

\$ 12.45

4 Wire Analog Loop (inclusive of NID)

Zone 1	\$	24.74
Zone 2	\$	47.92
Zone 3	\$	61.97

Channelized Loop Facility-Additional Cost of Unbundling

\$ 14.87

2 Wire Digital Loop (inclusive of NID)

Zone 1	\$	19.68
Zone 2	\$	38.12
Zone 3	\$	49.31

Channelized Loop Facility-Additional Cost of Unbundling

\$ 12.45

4 Wire Digital Loop (inclusive of NID)

Zone 1	\$	24.74
Zone 2	\$	47.92
Zone 3	\$	61.97

Channelized Loop Facility-Additional Cost of Unbundling

\$ 14.87

DS-1 Loop

Zone 1	\$	60.68
Zone 2	\$	117.53
Zone 3	\$	152.00

DS-3 Loop (all zones)

\$ 767.94

ISDN BRI Loop

Zone 1	\$	42.92
Zone 2	\$	83.13

Zone 3 \$ 107.51

Channelized Loop Facility-Additional Cost of Unbundling

\$ 36.50

³

For the avoidance of any doubt, in addition to any rates and charges set forth herein, Verizon, effective as of March 11, 2005, may, but shall not be required to, charge (and ***CLEC Acronym TXT*** shall pay) any rates and charges that apply to a CLEC's embedded base of certain UNEs pursuant to the TRRO, the foregoing being without limitation of other rates and charges that may apply under subsequent FCC orders or otherwise; in addition, as set forth in Industry Notices, access tariff rates and/or other applicable non-UNE rates may apply for certain facilities and arrangements that are no longer available as unbundled network elements or combinations thereof.



NC Commission Order dated 3/6/2002: Docket P100, Sub 133d.

ISDN PRI Loop		
Zone 1	\$	60.68
Zone 2	\$	117.53
Zone 3	\$	152.00
Channelized Loop Facility-Additional Cost of Unbundling	\$	14.87
ADSL High Capacity Loop		
Zone 1	\$	54.02
Zone 2	\$	104.62
Zone 3	\$	135.31
HDSL High Capacity Loop		
Zone 1	\$	60.39
Zone 2	\$	116.97
Zone 3	\$	151.28
Supplemental Features:		
ISDN-BRI Line Loop Extender	\$	4.93
DS1 Clear Channel Capability	\$	24.00
Sub-Loop		
2-Wire Distribution		
Zone 1	\$	11.22
Zone 2	\$	21.73
Zone 3	\$	28.10
4-Wire Distribution		
Zone 1	\$	14.35
Zone 2	\$	27.79
Zone 3	\$	35.94
2-Wire Drop		
Zone 1	\$	2.76
Zone 2	\$	5.34
Zone 3	\$	6.90
4-Wire Drop		
Zone 1	\$	3.22
Zone 2	\$	6.23
Zone 3	\$	8.06
Inside Wire	BFR	
Network Interface Device (leased separately)		
Basic NID:	\$	0.87
Complex (12 x) NID	\$	1.10

Dedicated Transport Facilities

Interoffice Dedicated Transport:

IDT DS0 Transport Facility per ALM	\$	0.49
IDT DS0 Transport Termination	\$	4.06
IDT DS1 Transport Facility per ALM	\$	11.64
IDT DS1 Transport Termination	\$	97.32
IDT DS3 Transport Facility per ALM	\$	325.89
IDT DS3 Transport Termination	\$	952.95

Multiplexing (Dedicated Transport):

DS1 to Voice Multiplexing	\$	133.28
DS3 to DS1 Multiplexing	\$	1,185.55
DS1 Clear Channel Capability	\$	24.00

Unbundled Dark Fiber

Unbundled Dark Fiber Loops

Dark Fiber Loop	\$	64.00
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Unbundled Dark Fiber Dedicated Transport

Dark Fiber IDT –Facility	\$	15.89
Dark Fiber IDT –Termination	\$	4.35

Intermediate Office Cross Connect

TBD

Line Splitting⁴

Unique Collocation Splitter Arrangement Rate Elements

Virtual – Splitter Equipment Maintenance – per shelf	\$	14.66
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Individual Line Rate Elements

Verizon Owned Splitter - Line Splitting Loop Charge	\$	2.29
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⁴ These rates do not include charges for usage or vertical features.

EEL Pricing

MRCs. The MRCs for an EEL will generally be equal to the applicable MRCs for UNEs and Multiplexing that comprise an EEL arrangement (e.g. UNE Loop, IDT, Multiplexing, & Clear Channel Capability).

Line Splitting (also referred to as "Loop Sharing")^{5 6}

A. Unbundled Local Loops

As Applicable per this Appendix A for UNE Local 2-Wire Digital (DSL qualified) Loops Monthly Recurring Charges and Non-Recurring Charges as amended from time to time. Includes, without limitation, Recurring 2-Wire Digital (DSL qualified) Loop Charges, Service Order Charge (per order), Service Connection Charge* (per loop), Service Connection-Other Charge* (per loop), and Provisioning charges. Also includes, without limitation, if applicable, Field Dispatch, TC Not Ready, Loop Qualification, Engineering Query, Engineering Work Order, Trouble Dispatch, Misdirects, Dispatch In, Out, and Dispatch Expedites, Installation Dispatch, Manual Intervention, Expedited, Digital Designed Recurring and Non-Recurring Charges

B. Other Charges

i. Regrade

\$ NRC TBD

ii. *Service Connection

*Service Connection/Other

A second Service Connection NRC and Service Connection/Other NRC applies on New Loop Sharing Arrangements involving the connection of both voice and data connections.

iii. Disconnect

A disconnect NRC applies, as applicable, on total Loop Sharing disconnects.

iv. Line and Station Transfers /Pair Swaps

A LST/Pair Swap NRC applies, as applicable, on LST activity performed on New Loop Sharing Arrangements.

C. Collocation Rates

Collocation Rates (including, without limitation, Splitter Connection and Installation Rates)

As Applicable per this Appendix A.

⁵ Rates for the individual line splitting components are contained in existing terms for Unbundled Network Elements and Collocation.

⁶ This Pricing Attachment incorporates by reference the rates set forth in the Agreement for the services and charges referenced herein. In the event this Pricing Attachment refers to a service that is not available under the Agreement, the Agreement shall control. Nothing in this Appendix A shall be deemed to require Verizon to provide a service that the Agreement does not require Verizon to provide.

NON-RECURRING CHARGES UNBUNDLED LOOP	ORDERING		PROVISIONING	
	100% Manual	Semi- Mechanized	Initial Unit	Additional Unit
Engineered, Initial Service-Unbundled Loops	N/A	\$207.54	N/A	N/A
DS-3 Initial	\$ 71.27	\$ 38.74	\$145.15	
DS-3 subsequent	\$ 67.51	\$ 34.98	\$ 31.44	N/A
Non-Engineered, Initial Service-Unbundled Loop	N/A	\$ 33.77	N/A	N/A
Central Office Connect, per loop	N/A	N/A	\$ 4.95	N/A
Outside Facility Connect-Unbundled Loop per order	N/A	N/A	\$ 86.35	N/A

CONVERSIONS	ORDERING		PROVISIONING	
	100% Manual	Semi- Mechanized	Initial Unit	Additional Unit
Coordinated Conversions				
Exchange-Standard Interval	\$ 29.21	\$ 29.21	N/A	N/A
Exchange-Additional Interval	\$ 25.51	\$ 25.51	N/A	N/A
Advanced-Standard Interval	\$ 21.61	\$ 21.61	N/A	N/A
Advanced-Additional Interval	\$ 19.81	\$ 19.81	N/A	N/A
Hot-Cut Coordinated Conversions				
Exchange-Standard Interval	\$105.75	\$105.75	N/A	N/A
Exchange-Additional Interval	\$ 25.51	\$ 25.51	N/A	N/A
Advanced-Standard Interval	\$ 81.05	\$ 81.05	N/A	N/A
Advanced-Additional Interval	\$ 19.81	\$ 19.81	N/A	N/A

MISCELLANEOUS WHOLESALE SERVICES	ORDERING		PROVISIONING	
	100% Manual	Semi- Mechanized	Initial Unit	Additional Unit
EXPEDITES				
Exchange Products	\$ 3.36	\$ 3.36	N/A	N/A
Advanced Products	\$ 3.36	\$ 3.36	N/A	N/A
OTHER				
Customer Record Search (per acct.)	\$ 2.97		N/A	N/A
CLEC Account Establishment (per CLEC)	\$166.32	\$166.32	N/A	N/A

NON-RECURRING CHARGES - OTHER UNES

LOCAL WHOLESALE SERVICES	Ordering 100% Manual	Ordering Semi- Mech.	Provisioning Initial Unit	Add'l Unit
UNBUNDLED NID				
Exchange – Basic	\$ 10.32	\$ 2.12	\$ 3.61	N/A
UNBUNDLED HOUSE AND RISER				
Exchange-Terminal Block Connection – Initial	\$ 14.32	\$ 7.61	\$ 20.26	\$ 9.57
Exchange-Terminal Block Connection - Subsequent	\$ 9.68	\$ 6.31	\$ 18.68	\$ 7.99
SUB-LOOP				
Exchange – FDI Distribution Connection – Initial	\$ 15.07	\$ 6.88	\$ 53.82	\$ 41.95
Exchange – FDI Distribution Connection – Subsequent	\$ 10.93	\$ 6.08	\$ 17.34	\$ 5.46
Exchange – Service Terminal Connection – Initial	\$ 15.07	\$ 6.88	\$ 14.33	\$ 6.03
Exchange – Service Terminal Connection – Subsequent	\$ 10.93	\$ 6.08	\$ 12.75	\$ 4.45
Inside Wire	BFR	BFR	BFR	BFR
DARK FIBER				
Advanced – Service Inquiry Charge	\$404.32	\$404.10	N/A	N/A
Advanced – Interoffice Dedicated Transport	\$ 5.18	\$ 4.95	\$ 47.33	\$ 41.42
Advanced – Unbundled Loop	\$ 5.18	\$ 4.95	\$ 44.62	\$ 39.30
Intermediate Office Cross Connect	TBD			
Dark Fiber Record Review (with reservations)	TBD			
Dark Fiber Optional Engineering Services	TBD			
ENHANCED EXTENDED LINK-LOOPS (EELs) Loop portion (In addition, IDT charges apply if applicable to the EEL arrangement)				
Advanced (2-wire and 4-wire) - Basic - Initial	\$ 88.39	\$ 56.13	\$ 4.95	N/A
Advanced (2-wire and 4-wire) - Basic - Subsequent	\$ 38.02	\$ 21.89	\$ 4.95	N/A
DS1/DS3 - Initial	\$ 97.94	\$ 65.68	\$ 4.95	N/A
DS1/DS3 - Subsequent	\$ 38.02	\$ 21.89	\$ 4.95	N/A
DS3 to DS1 Multiplexer	N/A	N/A	\$450.00	N/A
DS1 to DS0 Multiplexer	N/A	N/A	\$800.00	N/A

CHANGEOVER CHARGE - (Conversion from Special Access to EELs or Transport)

Advanced - Basic (2-wire and 4-wire) Changeover (As Is)	\$161.87	\$ 99.77	\$ 41.64	N/A
Advanced - Basic (2-wire and 4-wire) Changeover (As Is)-	\$ 7.52	\$ 4.56	\$ 41.64	N/A
Additional MOG (Mass Order Generator) Only				
Advanced - Complex (DS1 and above) Changeover (As Is)	\$179.37	\$117.27	\$ 41.64	N/A
Advanced - Complex (DS1 and above) Changeover (As Is)-	\$ 7.52	\$ 4.56	\$ 41.64	N/A
Additional MOG (Mass Order Generator) Only				

LOOP CONDITIONING⁷

(No charge for loops 12,000 feet or less)

Loop Conditioning - Bridged Tap	N/A	N/A	\$534.99	\$ 39.66
Loop Conditioning - Load Coils	N/A	N/A	\$ 90.30	\$ 84.45
Loop Conditioning - Load Coils / Bridged Tap	N/A	N/A	\$625.29	\$124.11
Engineering Work Order	N/A	N/A	\$650.31	N/A
Repeater Removal	N/A	N/A	\$534.99	N/A

LINE AND STATION TRANSFER⁸

N/A	N/A	\$147.75	N/A
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INTEROFFICE DEDICATED TRANSPORT(IDT) (Also applies to IDT portion of an EEL arrangement)

Advanced - Basic (2-wire and 4-wire) - Initial	\$ 95.49	\$ 63.01	\$428.58	N/A
Advanced - Basic (2-wire and 4-wire) - Subsequent	\$ 45.12	\$ 28.77	\$ 58.20	N/A
Advanced - Complex (DS1 and above) - Initial	\$105.04	\$ 72.56	\$584.49	N/A
Advanced - Complex (DS1 and above) - Subsequent	\$ 45.12	\$ 28.77	\$ 86.80	N/A

⁷ These charges are interim and subject to retroactive true-up back to the Effective Date of this Agreement.

⁸ A Line and Station Transfer (LST) Charge applies when Verizon arranges or rearranges an individual circuit at a terminal or cross-connect box to free up a pair or suitable facility at the required service location; examples include an arrangement of copper to DLC, the rearrangement of IDLC to copper and the rearrangement of IDLC to UDLC.

OTHER

CLEC Account Establishment (per CLEC)	\$263.37	\$263.37	N/A	N/A
Design Change Charge - EELs and Transport	\$ 27.00	\$ 27.00	N/A	N/A

ROUTINE NETWORK⁹

ENGINEERING QUERY ¹⁰	N/A	N/A	\$183.99	N/A
ENGINEERING WORK ORDER ¹¹	N/A	N/A	\$650.31*	N/A
EXPEDITE ENGINEERING QUERY ^{10 12}	N/A	N/A	\$ 41.67	N/A
EXPEDITE ENGINEERING WORK ORDER ^{11 12}	N/A	N/A	\$ 27.94	N/A
CLEAR DEFECTIVE PAIR	N/A	N/A	\$272.35	N/A
REASSIGNMENT OF NON-WORKING CABLE PAIR	N/A	N/A	\$272.35	N/A
BINDER GROUP REARRANGEMENT	N/A	N/A	\$529.77	N/A
REPEATER - INSTALLATION	N/A	N/A	\$1,597.10	N/A
APPARATUS CASE - INSTALLATION	N/A	N/A	\$2,992.81	N/A
RANGE EXTENDERS - DS-0 Installation	N/A	N/A	\$809.72	N/A
RANGE EXTENDERS - DS-1 Installation	N/A	N/A	\$809.72	N/A
CHANNEL UNIT TO UNIVERSAL/COTTED DLC SYSTEM (existing)	N/A	N/A	\$170.30	N/A
SERVING TERMINAL - INSTALLATION / UPGRADE	N/A	N/A	Time and Material	N/A
ACTIVATE DEAD COPPER PAIR	N/A	N/A	\$199.90	N/A
MULTIPLEXER - 1/0 - INSTALLATION	N/A	N/A	\$12,211.41	N/A
MULTIPLEXER - 1/0 - RECONFIGURATION	N/A	N/A	\$170.30	N/A
MULTIPLEXER - 3/1 - INSTALLATION	N/A	N/A	\$26,981.19	N/A
MULTIPLEXER - 3/1 - RECONFIGURATION	N/A	N/A	\$382.34	N/A
MULTIPLEXER - OTHER - INSTALLATION	N/A	N/A	Time and Material	N/A
MOVE DROP	N/A	N/A	\$109.28	N/A
CROSS-CONNECTION - EXISTING FIBER FACILITY	N/A	N/A	\$346.93	N/A
LINE CARD - INSTALLATION	N/A	N/A	\$314.63	N/A
COPPER REARRANGEMENT	N/A	N/A	\$482.90	N/A
CENTRAL OFFICE TERMINAL - INSTALLATION	N/A	N/A	\$35,307.87	N/A
IDLC ONLY CONDITION	N/A	N/A	\$36,847.28	N/A
OTHER REQUIRED MODIFICATIONS	N/A	N/A	Time and Material	N/A

⁹ This Appendix may contain rates and charges for (and/or reference) services, facilities, arrangements and the like that Verizon does not have an obligation to provide under the Agreement (e.g., services, facilities, arrangements and the like for which an unbundling requirement does not exist under 47 U.S.C. Section 251(c)(3)). Notwithstanding any such rates and/or charges (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Verizon to provide a service, facility, arrangement or the like that the Agreement does not require Verizon to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement.

¹⁰ Engineering Query Charges apply in addition to charges for actual network modification and Engineering Work Order charges where applicable.

¹¹ Engineering Work Order Charges apply in addition to charges for actual network modification and Engineering Query charges where applicable.

¹² Expedite Charges apply in addition to other listed rates.

* Commission approved rates per NCUC Order dated Mar. 26, 2004 in Docket P100 sub 133d.

ROUTINE NETWORK

OTHER

Commingled Arrangements – per circuit NRC	N/A	N/A	\$ 50.00	N/A
Conversion - Service Order	N/A	N/A	\$ 19.33	N/A
Conversion - Installation per circuit	N/A	N/A	\$ 7.27	N/A
Circuit Retag - per circuit	N/A	N/A	\$ 59.43	N/A

DARK FIBER

Dark Fiber Routine Network Modifications	N/A	N/A	Time and Material	N/A
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Application of NRCs

Preordering:

CLEC Account Establishment is a one-time charge applied the first time that ***CLEC Acronym TXT*** orders any service from this Agreement.

Customer Record Search applies when ***CLEC Acronym TXT*** requests a summary of the services currently subscribed to by the end-user.

Ordering and Provisioning:

Initial Service Order (ISO) applies to each Local Service Request (LSR) and Access Service Request (ASR) for new service. Charge is Manual (e.g. for a faxed order) or Semi-Mechanized (e.g. for an electronically transmitted order) based upon the method of submission used by the CLEC.

Subsequent Service Order applies to each LSR/ASR for modifications to an existing service. Charge is Manual or Semi-Mechanized based upon the method of submission used by the CLEC.

Advanced ISO applies per LSR/ASR when engineering work activity is required to complete the order.

Exchange ISO applies per LSR/ASR when no engineering work activity is required to complete the order.

Provisioning – Initial Unit applies per ISO for the first unit installed. The Additional Unit applies for each additional unit installed on the same ISO.

Basic Provisioning applies to services that can be provisioned using standard network components maintained in inventory without specialized instructions for switch translations, routing, and service arrangements.

Complex Provisioning applies to services that require special instruction for the provisioning of the service to meet the customer's needs.

Examples of services and their Ordering/Provisioning category that applies:

Exchange-Basic: 2-Wire Analog, 4-Wire Analog, Standard Sub-Loop Distribution, Drop and NID.

Exchange-Complex: Non-loaded Sub-Loop Distribution and Loop Conditioning

Advanced-Basic: 2-Wire Digital Loop, 4-Wire Digital Loop

Advanced-Complex: DS1 Loop, DS3 Loop, Dark Fiber, and EELs

Conditioning applies in addition to the ISO, for each Loop or Sub-Loop UNE for the installation and grooming of Conditioning requests.

DS1 Clear Channel Capability applies in addition to the ISO, per DS1 for the installation and grooming of DS1 Clear Channel Capability requests.

Changeover Charge applies to EEL orders when an existing retail, resale, or special access service is already in place.

Service Inquiry – Dark Fiber applies per service inquiry when a CLEC requests Verizon to determine the availability of dark fiber on a specific route.

EELs-The NRCs that generally apply to an EEL arrangement are applicable ordering & provisioning charges for EEL Loops, IDT, Multiplexing and Clear Channel Capability

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite applies if ***CLEC Acronym TXT*** requests service prior to the standard due date intervals and the expedite request can be met by Verizon.

Coordinated Conversion applies if ***CLEC Acronym TXT*** requests notification and coordination of service cut-over prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if ***CLEC Acronym TXT*** requests real-time coordination of a service cut-over that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

Design Change Charge applies to EELs & Transport orders for design changes requested by the CLEC.

IV. Rates and Charges for 911

See State Tariff.

V. Collocation Rates

COLLOCATION STANDARD OFFEREING RATE ELEMENTS*	NRC/MRC	Increment	Amount
Non-recurring Rates			
Engineering - Initial	NRC	per occurrence	\$ 1,128.53
Major Augment Fee	NRC	per occurrence	\$ 1,071.73
Intermediate Augment Fee	NRC	per occurrence	\$ 846.48
Minor Augment Fee	NRC	per occurrence	\$ 496.79
Simple Augment Fee	NRC	per occurrence	\$ 199.42
Access Card Administration	NRC	per card	\$ 15.00
Cage Enclosure Engineering	NRC	per cage	\$ 559.81
Cage Enclosure Construction	NRC	per linear foot	\$ 25.37
Cage Grounding Bar	NRC	per cage	\$ 821.47
Overhead Superstructure	NRC	per project	\$ 2,485.22
Facility Pull/Termination - Engineering (Metallic & Fiber)	NRC	per project	\$ 78.19
Facility Pull - Labor (Metallic)	NRC	per cable run	\$ 224.22
Fiber Optic Patch Cord Pull - (Facility Pull-Facility Labor)	NRC	per cable run	\$ 172.05
DS0 Cable Termination (Preconnectorized)	NRC	per 100 pair	\$ 4.44
DS1 Cable Termination (Preconnectorized)	NRC	per 28 pair	\$ 1.11
DS3 Coaxial Cable Termination (Preconnectorized)	NRC	per termination	\$ 1.11
DS3 Coaxial Cable Termination (Unconnectorized)	NRC	per termination	\$ 11.09
Fiber Optic Patch Cord Termination (Connectorized-Facility Termination)	NRC	per termination	\$ 1.11
Fiber Cable Pull - Engineering	NRC	per project	\$ 606.30
Fiber Cable Pull - Place Innerduct	NRC	per linear foot	\$ 2.27
Fiber Cable Pull - Labor	NRC	per linear foot	\$ 0.93
Fiber Cable Pull - Cable Fire Retardant	NRC	per occurrence	\$ 44.37
Fiber Cable Splice - Engineering	NRC	per project	\$ 30.32
Fiber Cable Splice	NRC	per fiber	\$ 49.33
DC Power	NRC	per 40 amps	\$ 2,908.80
Facility Cable-DS0 Cable (Connectorized) 100 pair	NRC	per cable run	\$ 323.16
Facility Cable-DS1 Cable (Connectorized)	NRC	per cable run	\$ 300.02
Facility Cable-DS3 Coaxial Cable	NRC	per cable run	\$ 81.41
Facility Cable-Shielded Cable (Orange Jacket)	NRC	per cable run	\$ 31.12
Facility Cable-Category 5 Connectorized	NRC	per linear foot	\$ 1.06
Power Cable-Wire Power 1/0	NRC	per cable run	\$ 90.34
Power Cable-Wire Power 2/0	NRC	per cable run	\$ 131.78
Power Cable-Wire Power 3/0	NRC	per cable run	\$ 145.95

* NC Commission Order dated 4/11/2005: Docket P-100, Sub 133j

COLLOCATION STANDARD OFFERING RATE ELEMENTS*	NRC/MRC	Increment	Amount
Power Cable-Wire Power 4/0	NRC	per cable run	\$ 178.72
Power Cable-Wire Power 350 MCM	NRC	per cable run	\$ 306.45
Power Cable-Wire Power 500 MCM	NRC	per cable run	\$ 426.69
Power Cable-Wire Power 750 MCM	NRC	per cable run	\$ 657.61
Fiber Optic Patch Cord-Dual Fiber (Connectorized - Facility Cable)	NRC	per cable run	\$ 678.90
Virtual Equipment Engineering & Installation	NRC	per quarter rack	\$ 3,928.23
Virtual Software Upgrades	NRC	per base unit	\$ 70.28
Virtual Card Installation	NRC	per card	\$ 100.32
Virtual Engineering - New	NRC	per occurrence	\$ 734.06
BITS Timing	NRC	per project	\$ 304.14
Miscellaneous NRC Elements			
Collocation Space Report	NRC	per CO requested	\$ 1,217.52
Misc Svcs-Labor-Basic Bus Day-First 1/2 Hr	NRC	per Technician	\$ 42.76
Misc Svcs-Labor-Basic Bus Day-Each Additional 1/2 Hr	NRC	per Technician	\$ 21.38
Misc Svcs-Labor-OT Non-Bus Day - First 1/2 Hr	NRC	per Technician	\$ 100.00
Misc Svcs-Labor-OT Non-Bus Day - Each Addtl 1/2 Hr	NRC	per Technician	\$ 75.00
Misc Svcs-Labor-Premium Non-Bus Day - First 1/2 Hr	NRC	per Technician	\$ 150.00
Misc Svcs-Labor-Premium Non-Bus Day - Each Addtl 1/2 Hr	NRC	per Technician	\$ 125.00
Adjacent NRC			
Adjacent-Engineering Fee Onsite	NRC	per occurrence	\$ 958.00
Adjacent Facility Pull-Engineering	NRC	per project	\$ 78.19
Adjacent Facility Pull-Labor	NRC	per linear foot	\$ 1.11
Adjacent DSO Cable Termination (Connectorized)	NRC	per 100 pair	\$ 4.44
Adjacent DSO Cable Termination (Unconnectorized)	NRC	per 100 pair	\$ 44.37
Adjacent DS1 Cable Termination (Connectorized)	NRC	per 28 pair	\$ 1.11
Adjacent DS1 Cable Termination (Unconnectorized)	NRC	per 28 pair	\$ 33.28
Adjacent DS3 Cable Termination (Connectorized)	NRC	per DS3	\$ 1.11
Adjacent DS3 Cable Termination (Unconnectorized)	NRC	per DS3	\$ 11.09
Adjacent Fiber Cable Termination	NRC	per fiber termination	\$ 49.33
Adjacent Fiber Cable Pull-Engineering	NRC	per project	\$ 606.30
Adjacent Fiber Cable Pull-Place Innerduct	NRC	per linear foot	\$ 2.27
Adjacent Fiber Cable Pull - Labor	NRC	per linear foot	\$ 0.93
Adjacent-Cable Fire Retardant	NRC	per occurrence	\$ 44.37
Adjacent Metallic Cable Pull-Engineering	NRC	per project	\$ 606.30
Adjacent Metallic Cable Pull - Labor	NRC	per linear foot	\$ 1.05
Adjacent Metallic Cable Splice-Engineering	NRC	per project	\$ 30.32
Adjacent Metallic Cable Splicing (greater than 200 pair)	NRC	per DS0/DS1 pair	\$ 1.38

COLLOCATION STANDARD OFFERING RATE ELEMENTS*	NRC/MRC	Increment	Amount
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Adjacent Metallic Cable Splicing (less than 200 pair)	NRC	per DS0/DS1 pair	\$ 1.38
Adjacent Fiber Cable Splicing-Engineering	NRC	per project	\$ 30.32
Adjacent Fiber Cable Splicing (48 fiber cable or less)	NRC	per fiber	\$ 49.33
Adjacent Fiber Cable Splicing (greater than 48 fiber)	NRC	per fiber	\$ 41.54

Monthly Recurring Rates

Building Modification	MRC	per request	\$ 77.94
Building Security per Sq Ft	MRC	per square foot	\$ 0.01
Environmental Conditioning	MRC	per 40 load amps	\$ 69.88
Caged Floor Space	MRC	per square foot	\$ 2.30
Relay Rack Floor Space	MRC	per linear foot	\$ 9.78
Cabinet Floor Space	MRC	per linear foot	\$ 13.23
Cable Subduct Space - Manhole	MRC	per project	\$ 3.47
Cable Subduct Space	MRC	per linear foot	\$ 0.03
Fiber Cable Vault Splice - 48 Fiber-Material	MRC	per splice	\$ 6.24
Fiber Cable Vault Splice - 48 Fiber	MRC	per subduct	\$ 0.63
Fiber Cable Vault Splice - 96 Fiber-Material	MRC	per splice	\$ 17.85
Fiber Cable Vault Splice - 96 Fiber	MRC	per subduct	\$ 0.63
Cable Rack Shared Space - Metallic	MRC	per cable run	\$ 0.41
Cable Rack Space - Fiber	MRC	per innerduct foot	\$ 0.01
DC Power	MRC	per 1 amp	\$ 12.20
Facility Termination - DS0	MRC	per 100 pair	\$ 2.68
Facility Termination - DS1	MRC	per 28 pair	\$ 11.02
Facility Termination - DS3	MRC	per DS3	\$ 7.75
BITS Timing	MRC	per port	\$ 7.21
Facility Termination - Optical	MRC	per connector	\$ 0.72
Fiber Optic Duct Space	MRC	per occurrence	\$ 0.29
Virtual Equipment Maintenance	MRC	per quarter rack	\$ 50.06

Adjacent Monthly Recurring

Adjacent Subduct Space-Manhole	MRC	per project	\$ 3.47
Adjacent Subduct Space	MRC	per linear foot	\$ 0.03
Adjacent Conduit Space (4" Duct)-Metallic-Manhole	MRC	per conduit	\$ 6.29
Adjacent Conduit Space (4" Duct)-Metallic Cable	MRC	per linear foot	\$ 0.03
Adjacent Facility Termination DSO Cable-Material	MRC	per 100 pair	\$ 2.68
Adjacent Facility Termination DS1 Cable-Material	MRC	per 28 pair	\$ 11.02
Adjacent Facility Termination DS3 Cable-Material	MRC	per coaxial	\$ 7.75
Adjacent Cable Vault Splice (per 1200 pr)-Material	MRC	per splice	\$ 224.35
Adjacent Cable Vault Splice (per 1200 pr)	MRC	per cable	\$ 2.33

COLLOCATION STANDARD OFFERING RATE ELEMENTS*	NRC/MRC	Increment	Amount
Adjacent Cable Vault Splice (per 900 pr)-Material	MRC	per splice	\$ 163.38
Adjacent Cable Vault Splice (per 900 pr)	MRC	per cable	\$ 2.11
Adjacent Cable Vault Splice (per 600 pr)-Material	MRC	per splice	\$ 108.18
Adjacent Cable Vault Splice (per 600 pr)	MRC	per cable	\$ 1.50
Adjacent Cable Vault Splice (per 100 pr) - Material	MRC	per splice	\$ 22.84
Adjacent Cable Vault Splice (per 100 pr)	MRC	per cable	\$ 0.34
Adjacent Cable Vault Splice (48 fiber), Material	MRC	per splice	\$ 6.24
Adjacent Cable Vault Splice (48 fiber)	MRC	per subduct	\$ 0.63
Adjacent Cable Vault Splice (96 fiber), Material	MRC	per splice	\$ 17.85
Adjacent Cable Vault Splice (96 fiber)	MRC	per subduct	\$ 0.63
Adjacent Cable Rack Space-Metallic DSO	MRC	per linear foot	\$ 0.003
Adjacent Cable Rack Space-Metallic DS1	MRC	per linear foot	\$ 0.002
Adjacent Cable Rack Space-Fiber	MRC	per innerduct foot	\$ 0.005
Adjacent Cable Rack Space-Coaxial	MRC	per linear foot	\$ 0.010

DTS Rates

Service Order - Semi-Mechanized - DS0	NRC	per occurrence	\$ 21.89
Service Order - Manual DS0	NRC	per occurrence	\$ 38.02
Service Order Connection - CO Wiring - DS0	NRC	per occurrence	\$ 6.16
Service Connection - Provisioning DS0	NRC	per occurrence	\$ 42.54
Service Order - Semi-Mechanized - DS1, DS3, Dark Fiber	NRC	per occurrence	\$ 21.89
Service Order - Manual DS1, DS3, Dark Fiber	NRC	per occurrence	\$ 38.02
Service Order Connection - CO Wiring - DS1, DS3, Dark Fiber	NRC	per occurrence	\$ 14.90
Service Connection - Provisioning DS1, DS3, Dark Fiber	NRC	per occurrence	\$ 57.43

NOTE: Verizon's cross-connect and cable installation rates are not applicable for CLP-to-CLP direct connections for cross-connects and cable installation that do not traverse Verizon's equipment, but when Verizon allows a CLP to provision such a direct CLP-to-CLP connection, the CLP should deploy such connection pursuant to Section 5.5.1.

MICROWAVE COLLOCATION RATES (NOT PART OF COLLOCATION STANDARD OFFERING)			
Elements	Increment	NRC / MRC	Rate

Elements	Increment	NRC / MRC	Rate
<u>Non-Recurring Prices</u>			
Augment Fee	per occurrence	NRC	\$1,295.90
Facility Pull			
Engineering	per project	NRC	\$ 33.82
Labor	per linear ft	NRC	\$ 1.14
Building Penetration for Microwave Cable	per occurrence	NRC	ICB
Special Work for Microwave	per occurrence	NRC	ICB

Monthly Recurring Prices

Rooftop Space	per sq ft	MRC	\$ 2.39
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DESCRIPTION AND APPLICATION OF COLLOCATION RATE ELEMENTS

Non-Recurring Charges for Caged, Cageless, and Virtual Collocation

Engineering - Initial. Applies for each initial Caged or Cageless collocation request. This charge recovers the costs of the initial walkthrough to determine if there is sufficient collocation space, the best location for the collocation area, what building modifications are necessary to provide collocation, and if sufficient DC power facilities exist in the premises to accommodate collocation. This fee also includes the total time for the Building Services Engineer and the time for the Outside Plant and Central Office Engineers to attend status meetings.

Major Augment Fee. Applies for each Major Augment request to an existing Caged, Cageless, or Virtual collocation arrangement. Major Augments will be completed within ninety (90) days after receipt of the Bona Fide Firm Order (BFFO) and will include all requests for additional space.

Intermediate Augment Fee. Applies for each Intermediate Augment request to an existing Caged, Cageless or Virtual collocation arrangement. Intermediate Augments will be completed within sixty (60) calendar days after receipt of the BFFO for requests as defined in Section 9.5 of the Standard Offering.

Minor Augment Fee. Applies for each Minor Augment request to an existing Caged, Cageless or Virtual collocation arrangement. Minor augments will be completed within forty-five (45) calendar days after receipt of the BFFO for requests as defined in Section 9.4 of the Standard Offering.

Simple Augment Fee. Applies for each Simple Augment request to an existing Caged, Cageless or Virtual collocation arrangement. Minor augments will be completed within twenty (20) calendar days after receipt of the BFFO for requests as defined in Section 9.3 of the Standard Offering.

Access Card Administration. The Access Card Administration rate covers activities associated with the issuance and management of premises access cards. The rate is applied on a per card basis.

Cage Enclosure Engineering. Recovers engineering costs associated with construction of the cage enclosure. The rate is applied for initial Caged collocation requests and for subsequent augment requests to the cage enclosure.

Cage Enclosure Construction. Recovers labor and material costs for construction of the enclosure for Caged collocation arrangements. The rate is applied per linear foot of cage enclosure.

Cage Grounding Bar. The Cage Grounding Bar rate recovers the material and labor costs to provision a ground bar, including necessary ground wire, in the collocator's cage.

Overhead Superstructure. The Overhead Superstructure charge is applied for each initial caged and cageless collocation project. The Overhead Superstructure charge recovers Verizon's engineering, material, and installation costs for extending dedicated overhead superstructure.

Facility Pull/Termination-Engineering (Metallic & Fiber). Applied per project to recover the engineering costs of pulling and terminating the interconnection wire (cable or fiber patchcord) from the collocation cage or relay rack to the Main Distribution Frame block, DSX panel, or fiber distribution panel.

Facility Pull – Labor (Metallic). Applied per cable run and recovers the labor cost of pulling metallic cable from the collocation cage or relay rack to the Main Distribution Frame block or DSX panel.

Fiber Optic Patch Cord Pull – (Facility Pull – Facility Labor). Applied per cable run and recovers the labor cost of pulling fiber optic patch cord from the collocation cage or relay rack to the fiber distribution panel.

Metallic Cable Termination. Applied per metallic cable terminated and is designed to recover the labor cost of terminating or disconnecting transmission cable from the collocation cage or relay rack to the Main Distribution Frame block or DSX panel.

Fiber Optic Patch Cord Termination (Connectorized-Facility Termination). The Fiber Optic Patchcord Termination is applied per termination and recovers the labor cost to terminate or disconnect the fiber optic patchcord cable to the fiber distribution panel.

Fiber Cable Pull-Engineering. The Fiber Cable Pull-Engineering charge is applied per project to cover the engineering costs for pulling the CLP's fiber cable, when necessary, into Verizon's central office to the collocation arrangement.

Fiber Cable Pull-Place Innerduct. The Fiber Cable Pull-Place Innerduct charge is applied per linear foot to cover the cost of placing innerduct. Innerduct is the split plastic duct placed from the cable vault to the CLP's equipment area through which the CLP's fiber cable is pulled.

Fiber Cable Pull-Labor. This charge is applied per linear foot and covers the labor costs of pulling the CLP's fiber cable into Verizon's central office to the collocation arrangement.

Fiber Cable Pull-Cable Fire Retardant. This charge is applied per occurrence and is associated with the filling of space around cables extending through walls and between floors with a non-flammable material to prevent fire from spreading from one room or floor to another.

Fiber Cable Splice-Engineering. The Fiber Splice-Engineering charge is applied per project and covers the engineering costs for fiber cable splicing projects.

Fiber Cable Splice. The Fiber Splice charge is applied per fiber cable spliced and recovers the labor cost associated with the splicing.

DC Power. Applied per 40 load amps for each caged, cageless, and virtual collocation application and DC Power augments to existing arrangements. This charge recovers Verizon's engineering and installation costs for pulling and terminating DC power cables to the collocation area.

Cable Material Charges. The CLP has the option of providing its own cable or Verizon may, at the CLP's request, provide the necessary transmission and power cables for Caged, Cageless and Virtual collocation arrangements. If Verizon provides these cables, the applicable Cable Material Charge will be charged.

Virtual Equipment Engineering & Installation. Applied on a per quarter rack basis and recovers the costs incurred by Verizon for engineering and installation of the virtual collocation equipment. This charge would apply to the installation of powered equipment including, but not limited to, ATM, DSLAM, frame relay, routers, OC3, OC12, OC24, OC48, and NGDLC. This charge does not apply for the installation of splitters.

Virtual Software Upgrade. Applied per base unit when Verizon, upon CLP request, installs software to upgrade equipment for an existing Virtual Collocation arrangement.

Virtual Card Installation. Applied per card when Verizon, upon CLP request, installs additional cards for an existing Virtual Collocation arrangement.

Virtual Engineering – New. Applies for each initial Virtual collocation request. This charge recovers the costs of the initial walkthrough to determine if there is sufficient collocation space, the best location for the collocation area, what building modifications are necessary to provide collocation, and if sufficient DC power facilities exist in the premises to accommodate the request. This fee also includes the total time for the Building Services Engineer and the time for the Outside Plant and Central Office Engineers to attend status meetings.

BITS Timing. The non-recurring charge for BITS Timing includes engineering, material, and labor costs to wire a BITS port to the CLP's equipment. If requested, it is applied on a per project basis.

Miscellaneous Non-Recurring Charges

Collocation Space Report. When requested by a CLP, Verizon will submit a report that indicates Verizon's available collocation space in a particular premise. The report will be issued within ten calendar days of the request. The report will specify the amount of collocation space available at each requested premise, the number of collocators, and any modifications in the use of the space since the last report. The report will also include measures that Verizon is taking to make additional space available for collocation. The fee is applied per central office or premise requested.

Miscellaneous Services Labor. Additional labor, if required, by Verizon to complete a collocation request, disconnect collocation power cables, remove collocation equipment or perform inventory services for CLPs.

Non-Recurring Charges for Adjacent Collocation

Adjacent - Engineering Fee - Onsite. The Adjacent Engineering Fee provides for the initial activities of the Central Office Equipment Engineer, Land & Building Engineer and the Outside Plant Engineer associated with determining the capabilities of providing Adjacent On-Site collocation. The labor charges are for an on-site visit, preliminary investigation of the manhole/conduit systems, wire center and property, and contacting other agencies that could impact the provisioning of adjacent collocation.

Adjacent Facility Pull – Engineering. Applies on a per project basis and recovers the engineering cost of provisioning cable facilities from the cable vault, out of the central office, and into the adjacent CLP structure.

Adjacent Facility Pull-Labor. Applies per linear foot and recovers the labor costs of pulling transmission cable for Adjacent On-site collocation arrangements.

Adjacent Cable Termination. Applies per cable and recovers the labor cost terminating or disconnecting transmission cable for Adjacent On-site collocation arrangements.

Adjacent Fiber Cable Pull – Engineering. Applies per project and provides for engineering associated with pulling the CLP's fiber entrance cable to an adjacent collocation arrangement.

Adjacent Fiber Cable Pull – Place Innerduct. Applies per linear foot of innerduct placed. Recovers the cost for placing innerduct, if required for adjacent collocation arrangements.

Adjacent Fiber Cable Pull – Labor. Applies per linear foot of CLP fiber entrance cable pulled. Recovers the labor costs for pulling CLP fiber entrance cable for an adjacent collocation arrangement.

Adjacent – Cable Fire Retardant. Applies per occurrence and is associated with the filling of space around cables extending through walls and between floors with a non-flammable material to prevent fire from spreading from one room or floor to another.

Adjacent Metallic Cable Pull – Engineering. Applies on a per project basis and recovers the engineering cost associated with pulling metallic transmission cable for Adjacent On-site collocation arrangements.

Adjacent Metallic Cable Pull – Labor. Applies per linear foot and recovers the labor costs of pulling metallic cable for Adjacent collocation into the Company wire center.

Adjacent Metallic Cable Splice – Engineering. Applies per project and recovers the engineering costs associated with splicing metallic cable for Adjacent collocation.

Adjacent Metallic Cable Splicing. Applies per cable pair spliced and recovers the labor cost of splicing metallic cable for Adjacent Collocation.

Adjacent Fiber Cable Splicing – Engineering. Applies per project and recovers the engineering costs associated with splicing fiber cable for Adjacent collocation.

Adjacent Fiber Cable Splicing. Applies per fiber spliced and recovers the labor cost of splicing fiber cable for Adjacent Collocation. Two rates may apply, one for 48 fiber cable or less and one for greater than 48 fiber.

Monthly Recurring Charges for Caged, Cageless, and Virtual Collocation

Building Modification. The Building Modification monthly charge is applied to each Caged and Cageless arrangement and is associated with provisioning the following items in Verizon's premises: dust partition, ventilation ducts, demolition/site work, lighting, outlets, and grounding equipment.

Building Security per Square Foot. Applied per square foot of Caged or Cageless collocation space occupied and recovers Verizon's security costs for the collocation arrangement.

Environmental Conditioning. The Environmental Conditioning charge is applied to each Caged, Cageless, and Virtual arrangement on a per 40 load amps increment based on the CLP's DC Power requirements. This charge is associated with the provisioning of heating, ventilation, and air conditioning systems for the CLP's equipment in Verizon's premises.

Caged Floor Space. Caged Floor Space is the cost per square foot of space occupied to provide environmentally conditioned caged floor space to the CLP. Environmentally conditioned space is that which has proper humidification and temperature controls to house telecommunications equipment. The cost includes only that which relates directly to the land and building space itself.

Relay Rack Floor Space. The Relay Rack Floor Space charge provides for the environmentally conditioned floor space that a relay rack occupies based on linear feet. The standardized relay rack floor space depth is based on half the aisle area in front and back of the rack, and the depth of the equipment that will be placed within the rack.

Cabinet Floor Space. The Cabinet Floor Space charge provides for the environmentally conditioned floor space that a telecommunications equipment cabinet occupies based on linear

feet. The standardized floor space depth is based on the size of the cabinet and half of the aisle in the front and rear of the cabinet. The cabinet size is based on the Company's standard cabinet size of 33 inches by 29 inches.

Cable Subduct Space-Manhole. This charge applies per project per month and covers the cost of the space that the outside plant fiber occupies within the manhole.

Cable Subduct Space. The Subduct Space charge covers the cost of the subduct space that the outside plant fiber occupies and applies on a per linear foot basis.

Fiber Cable Vault Splice - Material. The Fiber Cable Vault Splice-Material charge applies per splice and covers the material cost associated with the CLP's fiber cable splice within Verizon's cable vault. Rates apply for 48 fiber and 96 fiber.

Fiber Cable Vault Splice. The Fiber Cable Vault Splice charge applies per subduct and covers the space cost associated with the CLP's fiber cable splice within Verizon's cable vault. Rates apply for 48 fiber and 96 fiber.

Cable Rack Shared Space-Metallic. The Cable Space-Metallic charge is applied for each DS0, DS1 and DS3 cable run. The charge is designed to recover the space utilization cost that the CLP's metallic and coaxial cable occupies within Verizon's cable rack system.

Cable Rack Space-Fiber. The Cable Rack Space-Fiber charge recovers the space utilization cost that the CLP's fiber cable occupies within Verizon's cable rack system.

DC Power. The DC Power monthly charge is applied on a per forty (40) load amp basis for each Caged, Cageless and Virtual collocation arrangement. This charge is designed to recover the monthly facility and utility expense to power the collocation equipment.

Facility Termination - Metallic. This charge is applied per metallic cable terminated. This charge is designed to recover the labor and material costs of the applicable main distribution frame 100 pair circuit block, or DSX facility termination panel.

BITS Timing. The BITS Timing monthly charge is designed to recover equipment and installation cost to provide synchronized timing for electronic communications equipment. This rate is based on a per port cost.

Facility Termination – Optical. This charge is applied per fiber cable connector. This charge is designed to recover the labor and material costs of the applicable fiber distribution panel.

Fiber Optic Duct Space. The Fiber Optic Duct Space rate element is applied per occurrence (i.e. per arrangement) and recovers the cost for the central office duct space occupied by the fiber optic patchcord cable.

Virtual Equipment Maintenance. The Virtual Equipment Maintenance charge is applied on a per quarter rack (or quarter bay) basis and recovers the costs incurred by the Company for maintenance of the CLP's virtual collocation equipment. This charge would apply to the maintenance of equipment including, but not limited to, ATM, DSLAM, frame relay, routers, OC3, OC12, OC24, OC48, and NGDLC. This charge does not apply for the maintenance of splitters.

Monthly Recurring Charges for Adjacent Collocation

Adjacent Subduct Space – Manhole. Applies on a per project basis and recovers the space utilization cost that the outside plant fiber or metallic cable occupies within the manhole.

Adjacent Subduct Space. Applies on a per linear foot basis and recovers the space utilization cost that the outside plant fiber or metallic cable occupies within the subduct system.

Adjacent Conduit Space – Metallic - Manhole. Applies per conduit and recovers the conduit space utilization cost that the outside plant metallic cable occupies within the manhole.

Adjacent Conduit Space – Metallic Cable. Applies per linear foot and recovers the space utilization cost that the outside plant metallic cable occupies within the conduit system.

Adjacent Facility Termination - Metallic. This charge is applied per metallic cable pair terminated and recovers the labor and material cost of the main distribution frame 100 pair circuit block and DSX facility termination panel.

Adjacent Cable Vault Splice – Material. Applies per splice depending on transmission cable type and recovers the material cost associated with a cable vault splice.

Adjacent Cable Vault Splice. Applies per subduct depending on transmission cable type and recovers the cost of the space the CLP's cable splice occupies within the cable vault.

Adjacent Cable Rack Space. This charge covers the space utilization cost that the CLP's fiber, metallic or coaxial cable occupies within the cable rack system. The charge is based on the linear feet occupied.

Dedicated Transit Service Rates

Dedicated Transit Service (DTS) Service Order Charge. Applied per DTS order to the requesting CLP for recovery of DTS order placement and issuance costs. The manual charge applies when the semi-mechanized ordering interface is not used.

Dedicated Transit Service (DTS) – Service Connection CO Wiring. Applied per DTS circuit to the requesting CLP for recovery of DTS jumper material, wiring, service turn-up for DS0, DS1, DS3, and dark fiber circuits.

Dedicated Transit Service (DTS) – Service Connection Provisioning. Applied per DTS order to the request CLP for recovery of circuit design and labor costs associated with the provisioning of DS0, DS1, DS3, and dark fiber circuits for DTS.

Microwave Collocation Rates

Microwave Augment Fee. Applies when an existing Caged and Cageless collocation arrangement is augmented with newly installed microwave antennae and other exterior facilities. This charge recovers the costs of the initial walkthrough to determine if there is sufficient space, the best location for the microwave antennae and other exterior facilities, what building modifications are necessary, if any, and if sufficient support facilities exist in the premises to accommodate the microwave antennae and other exterior facilities. This fee also includes the total time for the Building Services Engineer to coordinate the entire project.

Microwave Facility Pull – Engineering. Applies per project to recover the engineering costs of pulling transmission cable from microwave antennae facilities on the rooftop to the collocation cage or relay rack.

Microwave Facility Pull – Labor. Applies per linear foot and recovers the labor cost of pulling transmission cable from the microwave antennae and other exterior facilities on the rooftop to the transmission equipment in the collocation cage or relay rack.

Building Penetration for Microwave Cable. The reasonable costs to penetrate buildings for microwave cable to connect microwave antennae facilities and other exterior facilities to the transmission equipment in the collocation cage or relay rack will be determined and applied on an individual case basis, where technically feasible, as determined by the initial and subsequent Engineering surveys.

Special Work for Microwave. The costs incurred by Verizon for installation of CLP's microwave antennae and other exterior facilities that are not recovered via other microwave rate elements will be determined and applied on an individual case basis.

Microwave Rooftop Space. Cost per square foot to provide rooftop space to the CLP for microwave antennae and other exterior facilities. The cost includes only that which relates directly to the land and building space itself.

APPENDIX A TO THE PRICING ATTACHMENT^{1 2}

(NEW HAMPSHIRE) V1.10

A. INTERCONNECTION³

I. Rates for Transport and Termination of Traffic

1.	Reciprocal Compensation Traffic or End Office Rate	End Office: (Day) = \$0.002810 per minute (Eve) = \$0.003860 per minute (Night) = \$0.001341 per minute Tandem Office: (Day) = \$0.002810 per minute (Eve) = \$0.003860 per minute (Night) = \$0.001341 per minute Charged in accordance with Interconnection Attachment.
2.	Access charges for Intrastate and/or Interstate	Per Verizon FCC Interstate Tariff No. 11 and intrastate Verizon NH PUC No. 85 access tariff for Feature Group D services, as amended from time to time.
3.	Entrance facilities, and transport, as appropriate, for Interconnection at Verizon End Office, Verizon Tandem Office, Verizon Serving Wire Center, or other Point of Interconnection	Per Verizon FCC Interstate Tariff No. 11 and intrastate Verizon NH PUC No. 85 access tariff for Feature Group D service as amended from time to time..

¹ This Appendix may contain rates for (and/or reference) services, facilities, arrangements and the like that Verizon does not have an obligation to provide under the Agreement (e.g., services, facilities, arrangements and the like that Verizon is not required to provide under Section 251 of the Act). Notwithstanding any such rates (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Verizon to provide a service, facility, arrangement or the like that the Agreement does not require Verizon to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement.

All rates and charges set forth in this Appendix shall apply until such time as they are replaced by new rates and/or charges as the Commission or the FCC may approve or allow to go into effect from time to time, subject however, to any stay or other order issued by any court of competent jurisdiction. In addition to any rates and charges set forth herein, Verizon, effective as of March 11, 2005, may, but shall not be required to, charge (and ***CLEC Acronym TXT*** shall pay) any rates and charges that apply to a CLEC's embedded base of certain UNEs pursuant to the FCC's Order on Remand, *Unbundled Access to Network Elements; Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers*, WC Docket No. 04-313, CC Docket No. 01-338 (FCC rel. Feb. 4, 2005) (the "TRRO"), the foregoing being without limitation of other rates and charges that may apply under subsequent FCC orders or otherwise. In addition, as set forth in Industry Notices, access tariff rates and/or other applicable non-UNE rates may apply for certain facilities and arrangements that are no longer available as unbundled network elements or combinations thereof.

³ All rates and charges specified herein are pertaining to the Interconnection Attachment.

II. Transit Service

a. Tandem Transit Traffic Service

Rates for Tandem Transit Traffic Service are as set forth in Verizon's NHPUC No. 84 Tariff, as amended from time to time.

b. Dedicated Transit Service

Rates for Dedicated Transit Service are as set forth in Verizon's NHPUC No. 83 Tariff, as amended from time to time.

B. UNBUNDLED NETWORK ELEMENTS^{4 5}

I. Unbundled Local Loops

A. Rates for Unbundled Local Loops are as set forth in Verizon's NHPUC No. 84 Tariff, as amended from time to time.

B. Line and Station Transfer⁶ NRC is \$147.75/Loop

II. Unbundled IOF

Rates for Unbundled IOF are as set forth in Verizon's NHPUC No. 84 Tariff, as amended from time to time.

⁴ All rates and charges specified herein are pertaining to the Network Element Attachment. Verizon does not agree that UNE prices must be based solely on forward-looking costs, and Verizon reserves the right to seek to UNE prices to conform to any modification of the FCC's UNE pricing rules.

⁵ For the avoidance of any doubt, in addition to any rates and charges set forth herein, Verizon, effective as of March 11, 2005, may, but shall not be required to, charge (and ***CLEC Acronym TXT*** shall pay) any rates and charges that apply to a CLEC's embedded base of certain UNEs pursuant to the TRRO, the foregoing being without limitation of other rates and charges that may apply under subsequent FCC orders or otherwise; in addition, as set forth in Industry Notices, access tariff rates and/or other applicable non-UNE rates may apply for certain facilities and arrangements that are no longer available as unbundled network elements or combinations thereof.

⁶ Line and Station Transfer applies where Verizon swaps facilities in order to provision a Copper Facility.

III. Unbundled Network Interface Device and House and Riser

Rates for Unbundled Network Interface Device and House and Riser are as set forth in Verizon's NHPUC No. 84 Tariff, as amended from time to time.

IV. Intrastate Collocation

Rates for Intrastate Collocation are as set forth in Verizon's NHPUC No. 84 Tariff, as amended from time to time.

V. Line Splitting (also referred to as "Loop Sharing")^{7 8}

A. Unbundled Local Loops

As Applicable per this Appendix A for UNE Local 2-Wire Digital (DSL qualified) Loops Monthly Recurring Charges and Non-Recurring Charges as amended from time to time. Includes, without limitation, Recurring 2-Wire Digital (DSL qualified) Loop Charges, Service Order Charge (per order), Service Connection Charge* (per loop), Service Connection-Other Charge* (per loop), and Provisioning charges. Also includes without limitation, if applicable, Field Dispatch, TC Not Reqdy, Loop Qualification, Engineering Query, Engineering Work Order, Trouble Dispatch, Misdirects, Dispatch In, Out and Dispatch Expedites, Installation Dispatch, Manual Intervention, Expedited, Digital Designed Recurring and Non-Recurring Charges.

B. Other Charges

i. Regrade \$NRC TBD

ii. *Service Connection
*Service Connection-Other

A second Service Connection NRC and Service Connection Other NRC applies on New Loop Sharing Arrangements involving the connection of both voice and data connections.

iii. Disconnect

A disconnect NRC applies as applicable, on total Loop Sharing disconnects.

iv. Line and Station Transfers/
Pair Swaps

⁷ Rates for the individual line splitting components are contained in existing terms for Unbundled Network Elements and Collocation.

⁸ This Pricing Attachment incorporates by reference the rates set forth in the Agreement for the services and charges referenced herein. In the event this Pricing Attachment refers to a service that is not available under the Agreement, the Agreement shall control. Nothing in this Appendix A shall be deemed to require Verizon to provide a service that the Agreement does not require Verizon to provide.

An LST/Pair Swap NRC applies, as applicable, on LST activity performed on New Loop Sharing Arrangements.

- C. Collocation Rates **As Applicable per this Appendix A.**
Collocation Rates (including, without Limitation, Splitter Connection and Installation Rates)

- D. Rates for Splitter Connection and Installation Rates are as set forth in Verizon's NH PUC No. 84 Tariff, as amended from time to time.

VI. Combinations of Unbundled Network Elements

Rates for Combinations of Network Elements are as set forth in Verizon's NHPUC No. 84 Tariff, as amended from time to time.

VII. Unbundled Sub-Loop Arrangements (USLA)

Rates for Unbundled Sub-Loop Arrangements are as set forth in Verizon's NHPUC No. 84 Tariff, as amended from time to time.

VIII. Dark Fiber

- a. Recurring Charges

Service or Element Description	Recurring Charges
Dark Fiber IOF	
Dark Fiber IOF Mileage Charge/mile/pair	\$50.33
Dark Fiber Fixed Cost/SWC Charger	\$3.68
Dark Fiber Fixed Cost per Customer Premises	\$6.06
Dark Fiber Fixed Cost per Intermediate CO	\$6.65
Dark Fiber Fixed Cost per Remote Terminal	\$10.24
Dark Fiber Fixed Cost per CLEC CO/POP	\$5.51
Unusable Dark Fiber per Mile	\$0.00

b. Non-Recurring Charges

Service or Element Description:	Non-Recurring Charges	
	Normal	Expedited
Dark Fiber		
<u>Dark Fiber IOF</u>		
Service Order		
per initial pair - per pair	\$22.50	N/A
Each additional pair-per additional pair	\$20.45	N/A
Service Connection - C.O. Wiring		
Connect per order	\$21.13	\$27.39
Disconnect per order	\$13.98	\$18.12
Provisioning		
Connect per order	\$116.06	\$149.58
Disconnect per order	\$27.47	\$38.16
Field Installation	\$91.34	\$123.43
<u>Dark Fiber Loop</u>		
Service Order		
per initial pair - per pair	\$22.50	N/A
Each additional pair-per additional pair	\$20.45	N/A
Service Connection - C.O. Wiring		
Connect per order	\$18.48	\$23.96
Disconnect per order	\$13.49	\$17.49
Provisioning		
Connect per order	\$103.35	\$144.83
Disconnect per order	\$36.67	\$51.38
Field Installation	\$91.34	\$123.43
<u>Unbundled Dark Fiber</u>		
(1) Records Review		
-per fiber pair	\$207.16	N/A
(2) Cable Documentation		
- per request	\$84.34	N/A
(3) Intermediate Office		
- per intermediate office, per fiber pair -		
Connect	\$21.13	\$27.39
- per intermediate office, per fiber pair -		
Disconnect	\$13.98	\$18.12
Other Charges, Time and Materials		

	<u>Normal</u>	<u>Expedited</u>
(4) Fiber Layout Map (per hour or fraction thereof)		
Service Delivery Engineer		
Network Transport Engineering –Planning	\$50.03	\$67.37
Network Transport Engineering –Design	\$50.03	\$67.37
(5) Field Survey (per hour or fraction thereof)		
Service Delivery Engineer		
Network Transport Engineering –Planning	\$50.03	\$67.37
Network Transport Engineering –Design	\$50.03	\$67.37
Outside Plant Operations (splicer)	\$45.21	\$58.20
Central Office Frame (COF)	\$42.95	\$59.68
(6) Splicing (per hour or fraction thereof)		
Outside Plant Operations (splicer)	\$45.21	\$58.20
Central Office Frame (COF)	\$42.95	\$59.68
(7) Testing (per hour or fraction thereof)		
Outside Plant Operations (splicer)	\$45.21	\$58.20
Central Office Frame (COF)	\$42.95	\$59.68

IX. Routine Network Modifications⁹

	<u>Non-Recurring Charges</u>
Clear Defective Pair	TBD
Reassignment of Non-Working Cable Pair	TBD
Binder Group Rearrangement	TBD
Repeater – Installation	TBD
Apparatus Case – Installation	TBD
Range Extenders – DS0 Installation	TBD
Range Extenders – DS1 Installation	TBD
Channel Unit to Universal/Cotted DLC System (existing)	TBD
Serving Terminal – Installation/Upgrade	TBD
Activate Dead Copper Pair	TBD
Multiplexer – 1/0 – Installation	TBD
Multiplexer – 1/0 – Reconfiguration	TBD
Multiplexer – 3/1 – Installation	TBD
Multiplexer – 3/1 – Reconfiguration	TBD
Multiplexer – Other – Installation	TBD
Move Drop	TBD
Cross-Connection – Existing Fiber Facility	TBD
Line Card – Installation	TBD
Copper Rearrangement	TBD
Central Office Terminal – Installation	TBD
IDLC Only Condition	TBD
Other Required Modifications	TBD
<u>OTHER</u>	
Commingled Arrangements – per circuit NRC	TBD
Conversion – Service Order	TBD
Conversion – Installation per circuit	TBD
Circuit Retag – per circuit	TBD
Dark Fiber – Dark Fiber Routine Network Modifications	TBD

C. RESALE¹⁰

Wholesale discounts are as set forth in Verizon's NHPUC No. 86 Tariff, as amended from time to time.

⁹ This Appendix may contain rates and charges for (and/or reference) services, facilities, arrangements and the like that Verizon does not have an obligation to provide under this Agreement (e.g., services, facilities, arrangements and the like for which unbundling requirement does not exist under 47 U.S.C. Section 251(c)(3)). Notwithstanding any such rates and/or charges (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Verizon to provide a service, facility, arrangement or the like that the Agreement does not require Verizon to provide, or to provide a service, facility, arrangement or the like upon rates, terms conditions other than those that may be required by the Agreement.

¹⁰ All rates and charges specified herein are pertaining to the Resale Attachment.

D. CUSTOMER USAGE DETAIL CHARGES

Rates for Customer Usage Detail Charges are as set forth in Verizon's NHPUC No. 86 Tariff, as amended from time to time.

E. TIME AND MATERIALS CHARGES

Rates for Access to Time and Materials Charges are as set forth in Verizon's NHPUC No. 84 Tariff, as amended from time to time.

F. 911/E911 INTERCONNECTION

Rates for 911/E911 Interconnection are as set forth in Verizon's NHPUC No. 83 Tariff, as amended from time to time.

G. OPERATIONS SUPPORT SYSTEMS

Rates for access to, and development, maintenance and use of, Operations Support Systems, are as set forth in Verizon's NHPUC No. 84 Tariff, as amended from time to time.